

Title (en)

Unlockable tipping bearing of the dumping body of a three-way tipper.

Title (de)

Entriegelbares Kipplager der Kippbrücke eines Dreiseitenkippers.

Title (fr)

Palier de basculement déverrouillable pour benne basculante d'un camion à triple mouvement de bascule.

Publication

EP 0481114 B1 19940119 (DE)

Application

EP 90119965 A 19901018

Priority

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Abstract (en)

[origin: EP0481114A1] Every unlockable tipping bearing of a three-way tipper has a downwardly open bearing housing (8) which is attached to the tipping bearing and can be lowered onto a support head (7) on a carrier (6) fixed to the chassis. In the support head (7), locking elements (33) are displaceably arranged on both sides of a stepped expansion rod (26), which can be displaced about the transverse axis (11), in a transverse bore (30) whose axis coincides with the longitudinal tipping axis (10), which locking elements engage with their outer ends in locking recesses (35) in the internal wall of the bearing housing (8). If the expansion rod (26) is drawn back by means of a remote controlled displacement drive (50), in particular by means of an electromagnet (52), the locking elements (33) can move back inwardly and the bearing housing (8) is released and can lift off from the support head (7). The two rear tipping bearings additionally have a degree of freedom of rotational movement about the transverse tipping axis (11) by virtue of the fact that their support head (7) is mounted in the carrier (6) constructed as a pipe so as to be rotationally and axially non-displaceable about said tipping axis. The illustration shows a horizontal section through such a construction in the locked position. <IMAGE>

IPC 1-7

B60P 1/28

IPC 8 full level

B60P 1/16 (2006.01); **B60P 1/28** (2006.01)

CPC (source: EP)

B60P 1/167 (2013.01); **B60P 1/283** (2013.01)

Cited by

EP1717101A1; ITMO20100033A1; CN111086859A; CN109534250A; CN112644683A; WO2009130581A3; WO2018055565A3

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